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(71)Applicant : TOPPAN PRINTING CO LTD

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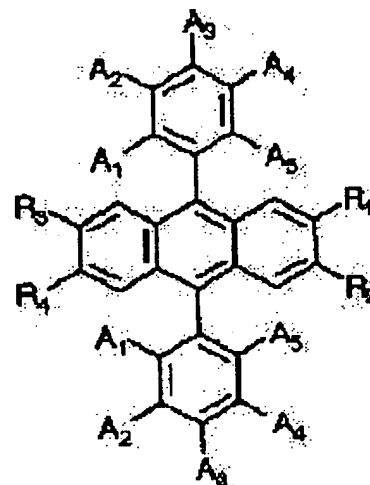
(72)Inventor : ITO YUICHI
KAI TERUHIKO
SAKAKI YUICHI

(54) ORGANIC THIN FILM EL ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a blue color luminescent element with high luminescent efficiency, high brightness, and high color purity by including the specified compound in an organic layer medium containing at least an organic luminescent layer arranged between a substrate and facing electrode pair arranged on the substrate and between the electrode pairs.

SOLUTION: A compound is represented by general formula (1). In the formula, at least one of R1 to R4 is a substituting group selected from an alkyl group, an alkoxy group, a cyano group, or a trifluoromethyl group, and at least one of A1 to A5 is a substituting group comprising an aryl group such as a phenyl group, a diarylamino group, or a naphthyl group, or a aryl substituted oxadiazole group. In this organic thin film electroluminescent element, an electron transport layer is arranged between an organic luminescent layer and a cathode in order to decrease electric resistance from the cathode to the luminescent layer, electron injection efficiency to the organic luminescent layer is enhanced, and reaching of a hole to the cathode is retarded.



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